

Minneapolis VAHCS  
Physical Medicine and Rehabilitation  
Outpatient Brain Injury Rehabilitation Program



**Fiscal year 2014**  
*1 October, 2013 to 30 September, 2014*



Outpatient Brain Injury  
Rehabilitation Program



**OBIRP**

## OBIRP FY14: Census numbers spanning the year

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	Admitted during FY14
Mod-severe TBI	9
mTBI with Post-concussive syndrome (PCS)	26
Acquired Brain Injury	2
Total	37

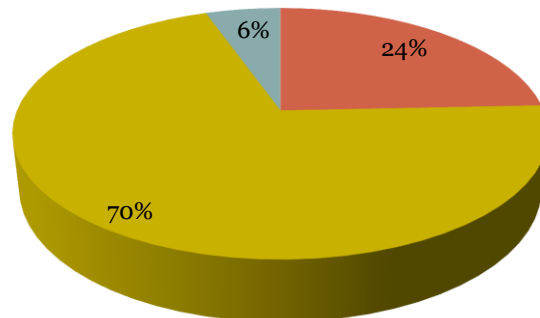
OBIRP FY14

## OBIRP FY14: Diagnoses of those served

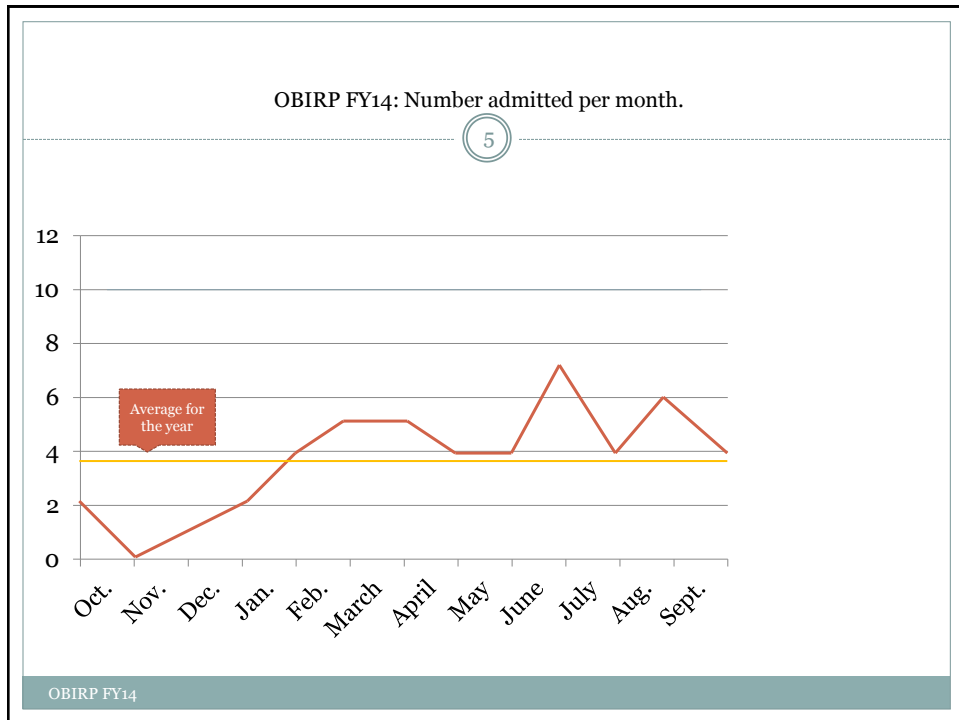
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N=37

■ Mod-Severe TBI (N=9) 
 ■ mTBI with Post-concussive Syndrome (N=26) 
 ■ Acquired brain injury (N=2)



OBIRP FY14



OBIRP FY14: Demographics for those served

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Enrolled N = 37	
Age at enrollment	34 years old
Gender	95% male
Military status at enrollment	95% Veteran; 5% AD transitioning
OEF/OIF injured	42%
Percent with 100% Service connection	14% (n=5)
Employed greater than 20 hours per week	37% (n=14)
Enrolled in school	16% (n=6)

OBIRP FY14

## OBIRP FY14: Outcomes for persons served at time of discharge

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N=33 discharges in FY 14	
Average number of work days enrolled	55 days
Average number of weeks enrolled	11 weeks
Average number of treatment hours across full enrollment*	18 hours
Average number of appointments per week	2 appointments
*Appointments are M-F and range from 45-60 minutes. They are either 1:1 or in small group format. This includes Allied therapies, Social work/RN case management and Psychiatrist appointments.	

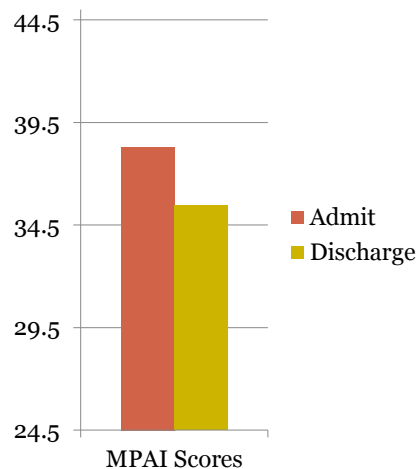
OBIRP FY14

## OBIRP FY14: Effectiveness outcomes for those discharged

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### MPAI-4 by staff rating

N=37	Admit average <sup>1</sup>	Discharge average	Change average
MPAI	38	35	(3) points
MPAI scoring is an inverse relationship. The greater the negative change, the higher the increase in functioning.			
<sup>1</sup> Outcomes are calculated per individual participant and then averaged as a group.			



OBIRP FY14

## OBIRP FY14: Effectiveness and Efficiency outcomes<sup>1</sup>

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### Mayo Portland Adaptability Inventory – 4 (MPAI-4)

N=37	Effectiveness: Average amount of change <sup>2</sup>	Effectiveness: Average percent of change <sup>3</sup>	Average number of weeks of enrollment	Efficiency: Average amount of change compared to length of enrollment
Total	(3)	(8)%	11	3% of change per week

<sup>1</sup> Outcomes are calculated per individual participant and then averaged as a group.

<sup>2</sup> Amount of change = MPAI on discharge – MPAI on Admit.

<sup>3</sup> Amount of change ÷ MPAI on admit.

<sup>4</sup> Amount of change ÷ No. of weeks enrolled. For each week of enrollment, the participants gained this percent of their Amount of Change.

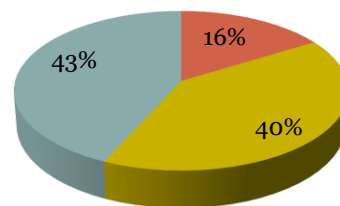
OBIRP FY14

## OBIRP FY14: Discharge Destinations

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Destination	Number
PM& R Follow-Up	16
PM&R Wellness	15
Non-PM&R	6

■ Non-PM&R  
■ Wellness  
■ PM&R Follow-up



OBIRP FY14

## OBIRP FY14: Satisfaction of those discharged

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- **Process:**

- All discharged participants are asked to complete a “*Net Promotion Score*” (NPS) rating
  - ✦ “On a scale of 0 to 10, how likely are you to recommend Rehab Services to someone else?”
    - Scores of 10 are desired. Scores of 9 are acceptable.

- **Results:**

- Survey completed by 13 participants (35 % response rate.)
  - ✦ Average score: 9.93 (range 5-10.)

- **Plan:**

- Revised Satisfaction Survey for FY15; implemented 10/1/15

OBIRP FY14

## Minneapolis VAHCS Physical Medicine and Rehabilitation Outpatient Brain Injury Rehabilitation

**Year in review: Fiscal year 2015**  
*1 October, 2014 to 30 September, 2015*



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